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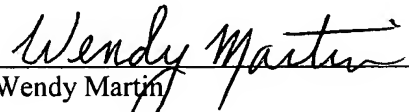
PATENT
Attorney Docket No. MIT-168

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Tuller *et al.*
SERIAL NO.: 10/646,098 GROUP NO.: 2874
FILING DATE: August 22, 2003 EXAMINER: M.R. Connelly Cushwa
TITLE: STABILIZED TITANATE THIN FILM STRUCTURES

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 13th day of April, 2005.


Wendy Martin

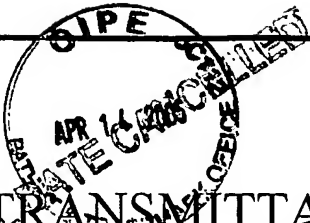
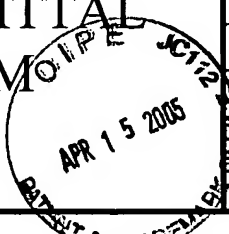
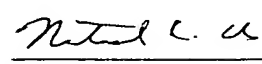
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

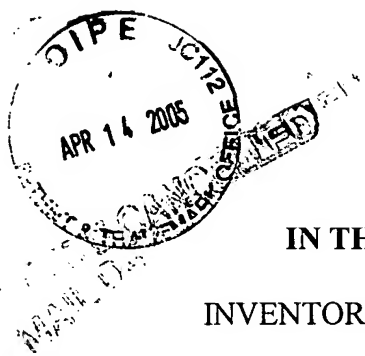
1. Transmittal Form (1 pg.);
2. Power of Attorney by Assignee of Entire Interest /
Revocation of Prior Powers and New Power of Attorney (1 pg.);
3. Copy of Notice of Recordation of Assignment Document,
recorded September 7, 2004 (4 pgs.); and
4. Return receipt postcard

VER 9/00

 TRANSMITTAL FORM 		Application Serial Number	10/646,098
		Filing Date	August 22, 2003
		First Named Inventor	Tuller
		Group Art Unit	2874
		Examiner Name	M.R. Connelly Cushwa
		Attorney Docket No.	MIT-168
		Patent No.	Not applicable
		Issue Date	Not applicable
ENCLOSURES (check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <div style="margin-left: 20px;"> <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form </div> <input type="checkbox"/> Amendment/Response <div style="margin-left: 20px;"> <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] </div> <input type="checkbox"/> Petition for Extension of Time <input type="checkbox"/> Information Disclosure Statement <div style="margin-left: 20px;"> <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations </div> <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <div style="margin-left: 20px;"> <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above </div>	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input checked="" type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <div style="margin-left: 20px;"> <input type="checkbox"/> Certificate of Correction (in duplicate) </div>	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) Copy of Notice of Recordation of Assignment Document recorded September 7, 2004	
CORRESPONDENCE ADDRESS		SIGNATURE BLOCK	
Direct all correspondence to: Patent Administrator Goodwin Procter LLP Exchange Place Boston, MA 02109 Tel. No.: (617) 570-1000 Fax No.: (617) 523-1231 Customer No. 051414		Respectfully submitted, <div style="display: flex; justify-content: space-between;"> <div> Date: <u>Apr 13, 2005</u> Reg. No. 44,381 Tel. No.: (617) 570-1806 Fax No.: (617) 523-1231 </div> <div style="text-align: center;">  _____ Natasha C. Us Attorney for Applicant(s) Goodwin Procter LLP Exchange Place Boston, MA 02109 </div> </div>	

VER 12/00

LIBC/2443559.1



PATENT
Attorney Docket No. MIT-168
(058420/157392)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Tuller *et al.* ASSIGNEE: Massachusetts Institute
of Technology
SERIAL NO.: 10/646,098 FILED: August 22, 2003
TITLE: STABILIZED TITANATE THIN FILM STRUCTURES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
REVOCATION OF PRIOR POWERS AND NEW POWER OF ATTORNEY

Sir:

As an authorized representative of the assignee of record of the entire right, title, and interest in the above-identified patent application, I hereby revoke all powers of attorney previously given and hereby appoint the registered patent practitioners associated with **Customer Number 051414** to prosecute and transact all business in the U.S. Patent and Trademark Office connected therewith.

Please direct all correspondence for the above-identified patent application to the address associated with the above Customer Number.

The assignee of record of the entire right, title, and interest in the above-identified patent application is **Massachusetts Institute of Technology**, by virtue of the chain of title from the inventors of the above-identified patent application to the current assignee, as shown below.

From Harry L. Tuller and Ytshak Avrahami to **Massachusetts Institute of Technology**, recorded in the U.S. Patent and Trademark Office on September 7, 2004, at Reel No. 015758, Frame No. 0439.

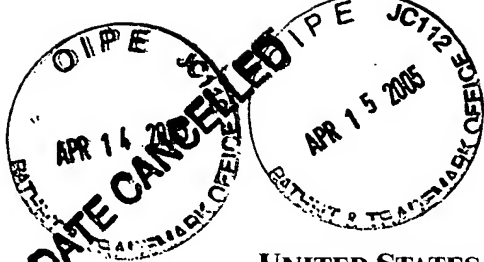
Respectfully submitted,

Dated:

April 8, 2005

Harin Khurana

Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, MA 02139



MIT-108

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 10, 2005

PTAS



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GAUTHIER & CONNORS LLP
MATTHEW E. CONNORS
225 FRANKLIN STREET
BOSTON, MASSACHUSETTS 02110

MAR 17 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/07/2004

REEL/FRAME: 015758/0439

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TULLER, HARRY L.

DOC DATE: 08/31/2004

ASSIGNOR:

AVRAHAMI, YTSHAK

DOC DATE: 08/31/2004

ASSIGNEE:

MASSACHUSETTS INSTITUTE OF
TECHNOLOGY
77 MASSACHUSETTS AVENUE
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 10646098

FILING DATE: 08/22/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: STABILIZED TITANATE THIN FILM STRUCTURES

015758/0439 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

Know all men by these presents that:

WHEREAS we, Harry L. Tuller
356 Walnut Street
Wellesley, MA 02481

and Ytshak Avrahami
8 Corey Lane
Arlington, MA 02476

have made an invention for

STABILIZED TITANATE THIN FILM STRUCTURES

described in the application filed in the United States Patent Office on August 22, 2003 as Serial No. 10/646,098. This application claims priority under 35 USC §119(e) from United States Provisional Patent Application Serial No. 60/405,297, filed August 23, 2002; and

WHEREAS Massachusetts Institute of Technology, a corporation duly organized and existing under the laws of Massachusetts and having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

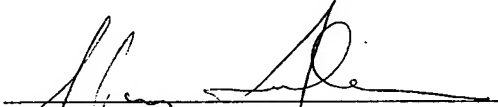
AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on the dates below.

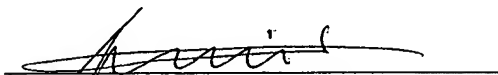
8/31/04

Date


HARRY L. TULLER

8/31/04

Date


YTSHAK AVRAHAMI